Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	20	(causal\$5 same (noncausal\$4 or "non-causal" or "non-causally" or anticausal\$4 or "anti-causal" or "anticausally")) same ((previous\$4 or "before" or past) with (soft or tenative or decision))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/07 16:05
L2	120	(causal\$5 same (noncausal\$4 or "non-causal" or "non-causally" or anticausal\$4 or "anti-causal" or "anticausally")) same ((previous\$4 or "before" or past)) and ((causal\$5 same (noncausal\$4 or "non-causal" or "non-causally" or anticausal\$4 or "anti-causal" or "anticausally")) same (filter\$4 or equaliz\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/07 16:05
L3	112	L2 not L1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/07 16:05
L4	3	375/229-236.ccls. and (causal\$5 same (noncausal\$4 or "non-causal" or "non-causals4 or "anti-causal" or "anticausally")) same ((previous\$4 or "before" or past) with (soft or tenative or decision or iteration))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/07 16:51
L5	0	375/229-236.ccls. and (causal\$5 same (noncausal\$4 or "non-causal" or "non-causal\$4 or "anti-causal" or "anticausally")) same ((previous\$4 or "before" or past) with (iteration or pass))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/07 16:40
L6	9	(causal\$5 same (noncausal\$4 or "non-causal" or "non-causally" or anticausal\$4 or "anti-causal" or "anticausally")) same ((previous\$4 or "before" or past) with (iteration or pass or cycle))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/07 16:41
L7	3	((causal\$5 and (noncausal\$4 or "non-causal" or "non-causally" or anticausal\$4 or "anti-causal" or "anticausally")) and ((previous\$4 or "before" or past) with (iteration or pass or cycle))).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/07 16:42

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		LASI Searci	,			
L8	2	375/346.ccls. and (causal\$5 same (noncausal\$4 or "non-causal" or "non-causally" or anticausal\$4 or "anti-causal" or "anticausally")) same ((previous\$4 or "before" or past) with (soft or tenative or decision or iteration))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/07 16:52
L9	2	375/346.ccls. and (causal\$5 same (noncausal\$4 or "non-causal" or "non-causals4 or "anti-causal" or "anticausals4")) same ((previous\$4 or "before" or past) with (soft or tenative or decision or iteration or cycle))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/07 16:52
S1	2	("6011813").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 12:21
S2	2	("5471504").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 12:22
S3	2	("6570919").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 12:25
S4	27	(causal near2 taps)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/18 11:06
S5	3	S4 and (iterative or iteration)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 12:25
S7	82	causal same equaliz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/18 11:24
S8	87	causal\$4 same equaliz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/18 11:24
S9	63	S8 and decision	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/18 11:27
S10	63	S8 and decision and causal\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/18 11:29

S11	105	(equaliz\$4) and causal and (anticausal or noncausal or non adj1 causal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/18 11:32
S12	0	S10 and decison and (feedback or feed adj1 back)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/18 11:31
S13	53	S10 and decision and (feedback or feed adj1 back)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/18 11:32
S14	121	(equaliz\$4) and (anticausal or noncausal or non adj1 causal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/18 11:39
S15	72	S14 and decision and (feedback or feed adj1 back)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/18 11:38
S16	6	(("6240133") or ("5561687") or ("5031195")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/18 11:38
S17	3	S16 and (equaliz\$4) and (anticausal or noncausal or non adj1 causal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/18 11:40
S18	3	S16 and (equaliz\$4) and (anticausal or noncausal or non adj1 causal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/18 11:44
S20	2	("6226323").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/01 11:21
S24	2	S20 and sampl\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/18 12:13
S25	2	("6226323").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/01 11:21
S26	0	S25 and causal4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/01 11:22

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S27	1	S25 and causal\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/01 12:25
S28	30	375/229-236.ccls. and (causal\$4 same (anticausal\$4 or (non-causal\$4) or (noncausal\$4)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/01 12:30
S29	6	375/229-236.ccls. and (linear adj1 feedback adj1 filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/01 12:36
S30	10	(linear adj1 feedback adj1 filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/01 13:30
S32	14	((calculat\$4 or estimat\$4 or determin\$4) near3 ("SNR" or (signal adj2 noise adj2 ratio))) same (polartity or polarities)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/01 13:48
S33	165	("SNR" or (signal adj2 noise adj2 ratio)) with (polartity or polarities)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/01 13:50
S34	19	("SNR" or (signal adj2 noise adj2 ratio)) near3 (polartity or polarities)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/01 13:52
S35	165	("SNR" or (signal adj2 noise adj2 ratio)) with (polartity or polarities)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/01 13:57
S36	218	("quasi" with (polartity or polarities))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/01 13:58
S37	1	("quasi" with (polartity or polarities)) same ("SNR" or (signal adj2 noise adj2 ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/01 14:02
S38	10	(multiply\$5 with (polartity or polarities)) same ("SNR" or (signal adj2 noise adj2 ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/01 15:24
S39	1	((linear adj1 filter) with (reduc\$4 near3 complexity)) same non-linear	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/01 15:25

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S40	1	((linear adj1 filter) with (reduc\$4 near3 complexity)) same nonlinear	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/01 15:25
S41	1	((linear adj1 filter) same (reduc\$4 near3 complexity)) same nonlinear	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/01 15:26
S42	9	((linear adj1 filter) same (complexity)) same nonlinear	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/01 15:32
S43	300	((linear) same (complexity)) same nonlinear	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/01 15:28
S44	15	((linear adj3 filter) same (complexity)) same nonlinear	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/01 15:47
S45	20	((linear adj3 filter) same (complexity)) same non-linear	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/01 15:29
S46	18	S45 not S44	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/01 15:29
S47	7	((linear adj1 filter) same (complex)) same nonlinear	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/01 15:33
S48	11	((linear adj3 filter) same (complex)) same nonlinear	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/01 15:33
S49	10	((linear adj3 equaliz\$4) same (complex)) same nonlinear	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/01 15:34
S50	6	((linear adj3 equaliz\$4) same (complexity)) same nonlinear	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/01 15:34
S51	188	((linear adj3 filter) same (complexity))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/01 15:58

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S52	3	375/229-236.ccls. and (causal\$5 same (noncausal\$4 or "non-causal" or "non-causal\$4 or "anti-causal" or "anticausally")) same ((previous\$4 or "before" or past) with (soft or tenative or decision))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/07 16:39
S53	20	(causal\$5 same (noncausal\$4 or "non-causal" or "non-causally" or anticausal\$4 or "anti-causal" or "anticausally")) same ((previous\$4 or "before" or past) with (soft or tenative or decision))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/06 19:44
S54	240	(causal\$5 same (noncausal\$4 or "non-causal" or "non-causally" or anticausal\$4 or "anti-causal" or "anticausally")) same ((previous\$4 or "before" or past))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/06 19:45
S55	120	(causal\$5 same (noncausal\$4 or "non-causal" or "non-causally" or anticausal\$4 or "anti-causal" or "anticausally")) same ((previous\$4 or "before" or past)) and ((causal\$5 same (noncausal\$4 or "non-causal" or "non-causally" or anticausal\$4 or "anti-causal" or "anticausally")) same (filter\$4 or equaliz\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/06 19:46

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